Attorney Docket No.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450	Customer Number 2 1 8 3
Alexandria, VA 22313-1450	OTG
Sir:	
Enclosed for filing is the utility patent application entitled:	<u>, </u>
METHOD AND APPARATUS FOR ENCODING AND DEC THREE-DIMENSIONAL OBJECT DATA	CODING
by the following named inventor(s):	
In-kyu PARK, Shin-jun LEE, In-wook SONG, Chang-su KIM and	l Sang-uk LEE
Applicant(s) suggests Figure 11 for inclusion on the front page of the pand patent. Applicant(s) requests that the published application include the following a SAMSUNG ELECTRONICS CO., LTD., Gyeonggi-do, Republic of Korea	
Small entity status is claimed.	
Also enclosed are:	
DRAWINGS: sheets of formal drawings sheets or	f informal drawings
DECLARATION: ☑ will follow ☐ executed, is enclosed ☐ unex	kecuted, is enclosed
ASSIGNMENT: ☐ is enclosed ☑ will follow	

C. § 119 and/or	CLAIM FOR PRIORITY UNDER 35 U.S.	is made in		is hereby		Filing Date DD-MM-YYYY		
CHAIMS The filing fee has been calculated as follows □ and in accordance with the enclosed preliminary amendment: CLAIMS No. of Claims Extra Claims Rate Fee Basic Application Fee (1001) \$ 770.00 Total Claims 33 MINUS 20 13 × \$18.00 (1202) \$ 234.00 Independent Claims 6 MINUS 3 3 × \$86.00 (1201) \$ \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Small Entity Status claimed - subtract 50% of Total Application Fee \$ 1.262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$ 0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. Total APPLICATION FEE DUE \$ 1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge			Korea		2003-83778	24-11-03		
CTHER PAPERS: □ a General Authorization for Petitions for Extensions of Time and Payment of Fees □ an Information Disclosure Statement □ an Application Data Sheet (ADS) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	365:							
CTHER PAPERS: □ a General Authorization for Petitions for Extensions of Time and Payment of Fees □ an Information Disclosure Statement □ an Application Data Sheet (ADS) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □								
OTHER PAPERS:								
OTHER PAPERS:								
OTHER PAPERS:								
OTHER PAPERS:								
□ an Information Disclosure Statement □ an Application Data Sheet (ADS) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		certified copy(ies) enclosed certified copy(ies			ies) will follow			
An Application Data Sheet (ADS) Continue	OTHER PAPERS:							
The filing fee has been calculated as follows amendment: CLAIMS		an Inform	ation Disclosure	Statement				
The filing fee has been calculated as follows amendment: CLAIMS		🗵 an Applica	ation Data Shee	t (ADS)				
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.								
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.								
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.								
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.		•						
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.								
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.				•				
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.								
Basic Application Fee (1001) \$770.00 Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.	The filing fee b	as boon calcu	atad as fallows	O and in assard	anaa with tha analaaas	l proliminos.		
Basic Application Fee (1001) Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.		as been calcu	ated as follows	and in accord	ance with the enclosed	i preliminary		
Basic Application Fee (1001) Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.						<u> </u>		
Basic Application Fee (1001) Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Independent Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 Independent is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.	CLAIMS							
Total Claims 33 MINUS 20 = 13 x \$18.00 (1202) = \$234.00 Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. □ Charge to Deposit Account No. 02-4800 for the fee due.				Extra Claims	Rate	Fee		
Independent Claims 6 MINUS 3 = 3 x \$86.00 (1201) = \$258.00 If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.	Basic Application Fe	e (1001)				\$ 770.00		
If multiple dependent claims are presented, add \$290.00 (1203) Total Application Fee \$1,262.00 Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.	Total Claims	33	MINUS 20 =	13	x \$18.00 (1202) =	\$ 234.00		
Total Application Fee \$1,262.00 ☐ Small Entity Status claimed - subtract 50% of Total Application Fee \$0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$1,262.00 ☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. ☐ Charge to Deposit Account No. 02-4800 for the fee due.	· · · · · · · · · · · · · · · · · · ·	·			x \$86.00 (1201) =	\$ 258.00		
☐ Small Entity Status claimed - subtract 50% of Total Application Fee \$ 0.00 Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. \$ 1,262.00 TOTAL APPLICATION FEE DUE \$ 1,262.00 ☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. ☐ Charge to Deposit Account No. 02-4800 for the fee due.			esented, add \$	5290.00 (1203)				
Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. TOTAL APPLICATION FEE DUE \$ 1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.								
TOTAL APPLICATION FEE DUE \$ 1,262.00 This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.						\$ 0.00		
 □ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested. □ Charge to Deposit Account No. 02-4800 for the fee due. 			\$40.00 (8021)	if Assignment doc	sument is enclosed.	· · · · · · · · · · · · · · · · · · ·		
is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.	TOTAL APPLICATION FEE DUE				\$ 1,262.00			
is respectfully requested. Charge to Deposit Account No. 02-4800 for the fee due.	_							
			without a filing	fee. Issuance of a	Notice to File Missing	Parts of Application		
	☐ Charge	to Dep	osit Account No	o. 02-4800 for the f	ee due.			
13 CHOOSE IN the difficult of 4 13-02-100 In Choosed for the fee due.								
			13 (o ddo.			

- The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.
- Please address all correspondence concerning this application to:

Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 2 1 8 3 9 P.O. Box 1404 Alexandria, Virginia 22313-1404

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

Filed: December 5, 2003

Charles F. Wieland III Registration No. 33,096



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

In-kyu PARK et al

Application No.: Unassigned

Filing Date:

December 5, 2003

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

Title: METHOD AND APPARATUS FOR ENCODING AND DECODING THREE-DIMENSIONAL OBJECT

GENERAL AUTHORIZATION FOR PETITIONS FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404 Alexandria, Virginia 22313-1404

(703) 836-6620

Date: December 5, 2003

Charles F. Wieland III Registration No. 33,096

